

The schematic diagram illustrates a mechanical drive system 10. It features two primary input shafts at the top: shaft M1 connected to pulley 12, and shaft M2 connected to pulley 13. Both shafts are driven by motors MT. A complex belt-and-pulley arrangement follows. From pulley 12, a belt passes through pulleys 61 and 81, then around pulley 19, before reaching pulley 21. Similarly, from pulley 13, a belt passes through pulleys 71 and 85, then around pulley 19, before reaching pulley 23. Pulleys 21 and 23 are connected via belts to pulleys 19 and 22 respectively. These pulleys are part of a larger assembly where pulley 22 drives a lever arm 30 pivoted at point 22a. The lever arm carries components 31 and 41. Component 41 is linked to a vertical actuator 40, which includes parts 42 and 43, and is powered by motor 45. Another vertical actuator 50, including parts 51 and 52, is also shown, powered by motor 55. This second actuator is connected to a horizontal component 53, which in turn controls a third vertical actuator 55.

FIG.2

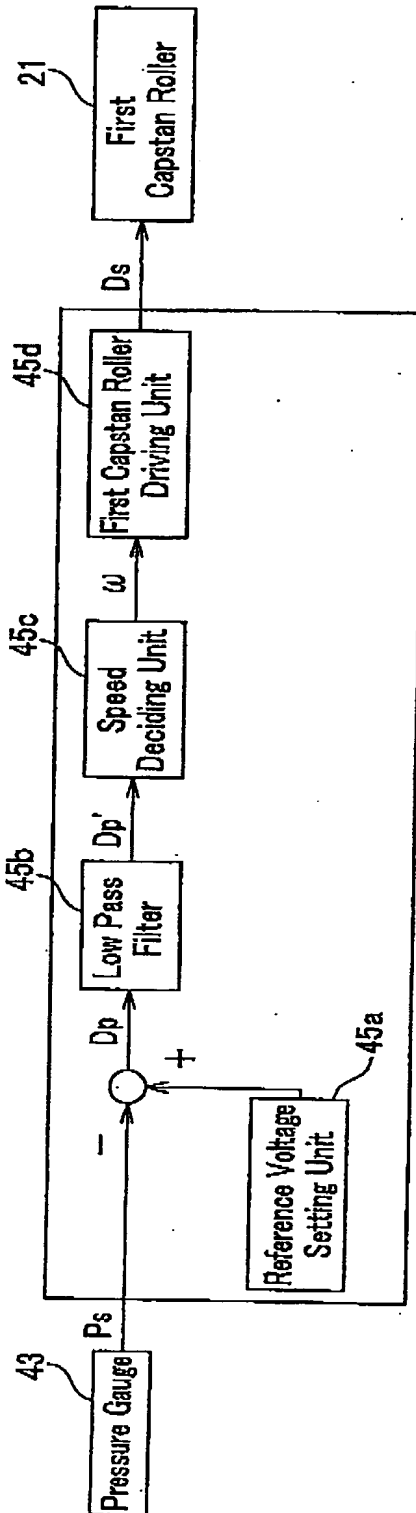


FIG.3

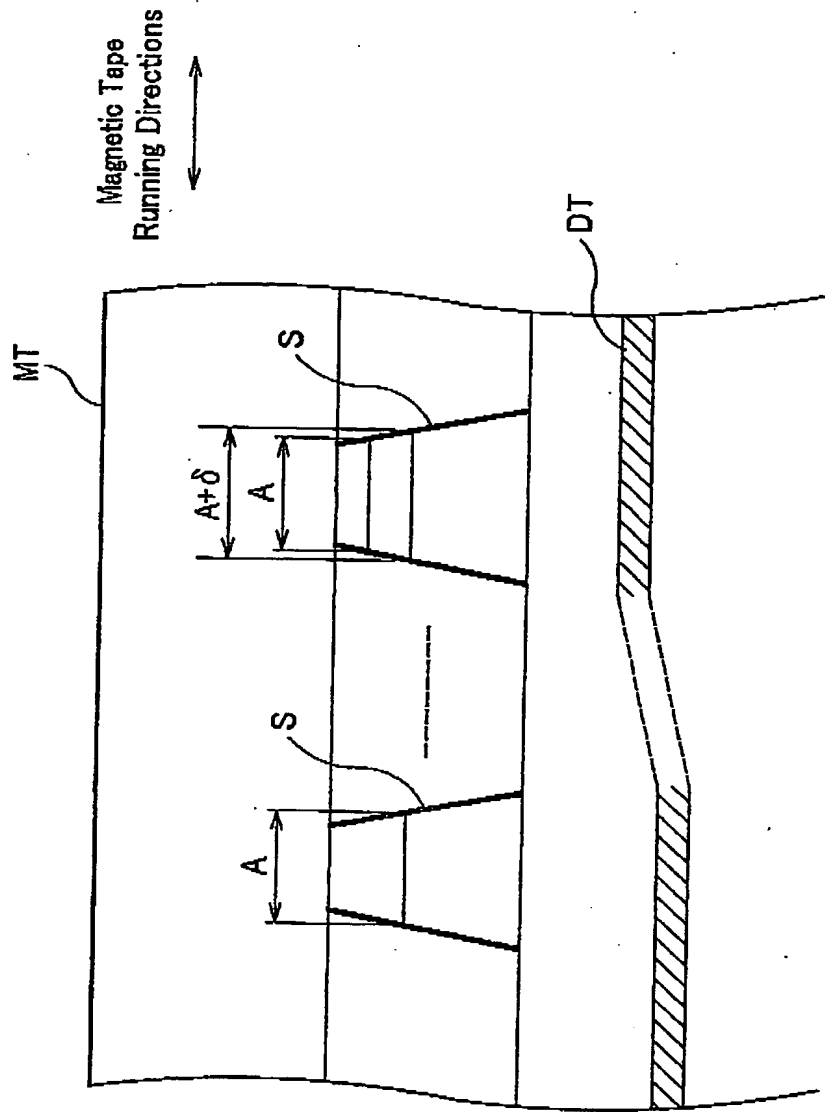


FIG.4A

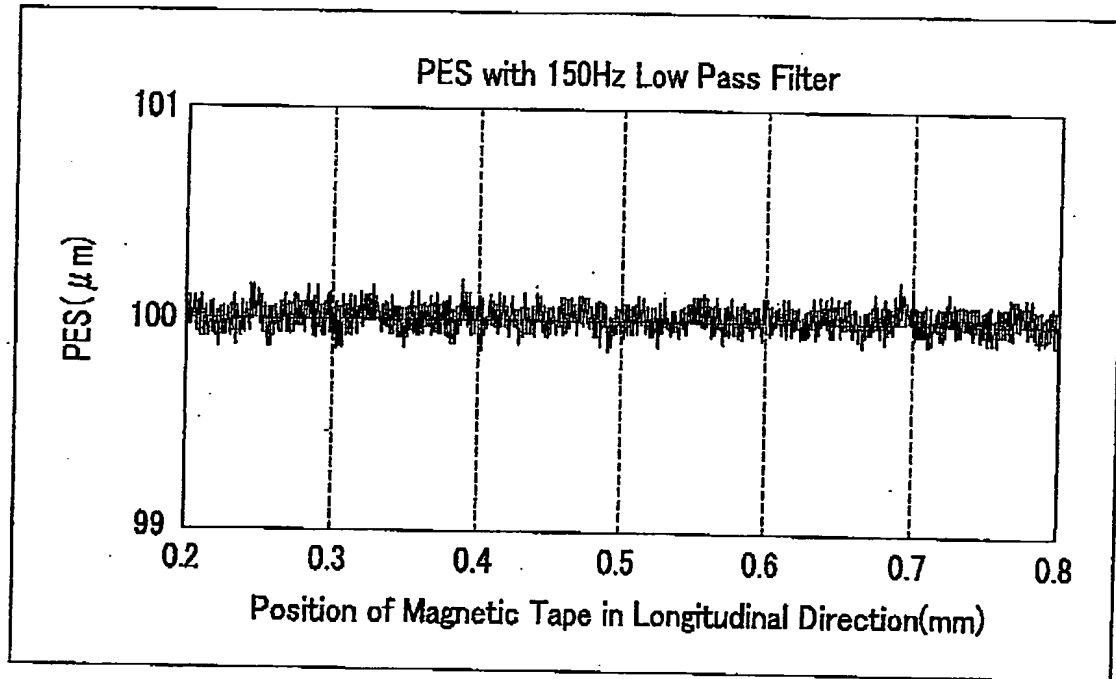


FIG.4B

